

Luxtronik



Venus (FLE/FLM)

30w-100w

Spec Sheet

Version 1.0
April 20, 2017

Luxtronik Technical Department

The Venus Flood Lights are the best combination of value and performance for replacing SON fixtures, typically mounted up to 6m and below.

Features & Benefits

- Up to 110lm/w system efficacy
- Available from 30w to 100w
- Premium grade aluminum die cast body and stainless steel hardware
- High performance thermal management design ensures low LED junction temperature and high lumen maintenance
- Wide variety of optics to deliver the ideal lighting design
- IP65 weather resistant
- 0-10V or DALI Dimming optional

Applications

Designed for low level site and area applications such as;

- Building facades
- Security
- Industrial
- Signage & Billboards
- Landscape
- Commercial spaces

Technical Specification

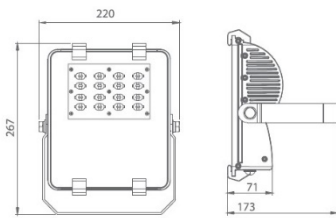
Description	LED Flood Light (FLE)					
Recommended Product Location	Low level site and area lighting applications					
Model	LUX-FLE-030	LUX-FLE-040	LUX-FLE-050	LUX-FLE-060	LUX-FLE-080	LUX-FLE-100
LED Max Power (W)	30	40	50	60	80	100
Typical System Power (W)	33	44	55	66	88	110
Typical Luminous Flux (lm)	3,600	4,800	6,000	7,200	9,600	12,000
Dimensions (mm)	267x71x220	267x71x220	267x71x267	267x71x267	267x71x322	267x71x322
Weight (kg)	6.2	6.2	8	8	9.6	9.6
Light Source	Lumileds Luxeon TX (default) / Osram Oslon Square / Cree XPG3					
Correlated Colour Temperature	3000K, 4000K, 5000K, 5700K, 6500K					
Colour Rendering Index	>70 (or >80 available)					
System Efficacy	110 lm/w					
LED Junction Temp.	≤75°C (@ Ta=25°C)					
Light Distribution Options	15°x15°, 30°x30°, 60°x60°, 90°x90°, 60°x90° 85°x45°, 85°x90°, 60°x135°, 85°x135°					
Driver	Meanwell					
Input Voltage Range	100-305VAC 50/60Hz					
Power Factor	> 0.90					
Electrical Class	Class I					
Dimming Control (optional)	0-10V, DALI					
Ambient Operating Temperature	-40°C to +45°C					
Ambient Storage Temperature	-25°C to +80°C					
Material	Aluminium					
Optical Cover	Tempered Glass					
Finish	Black powder coated (customized RAL colour available upon request)					
Ingress Protection (IP)	IP65					
Batch Coded	Yes					
Certification	CE, CB, SAA, ETL					

Accessories

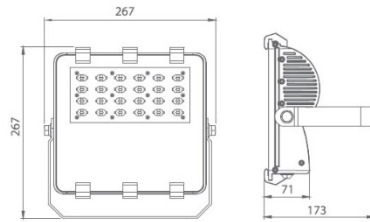
Sensor compatible

Bracket design can be custom made for different sensors
(ordered separately)

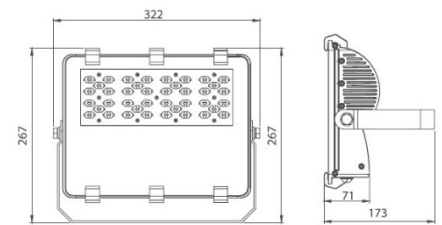
Dimensions



LUX-FLE / FLM-030 / 040

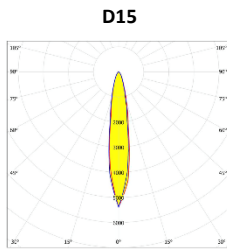


LUX-FLE / FLM-040 / 050

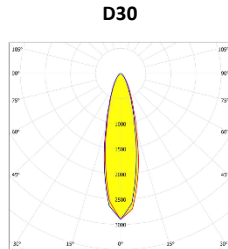


LUX-FLE / FLM-080 / 100

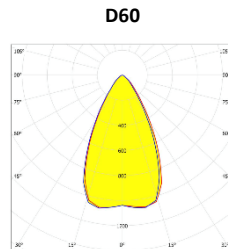
Photometrics



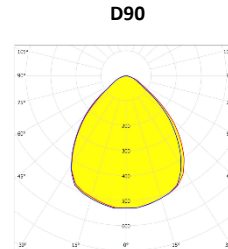
15°x15°



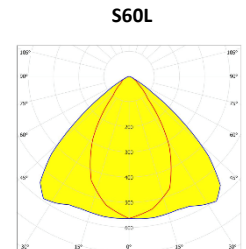
30°x30°



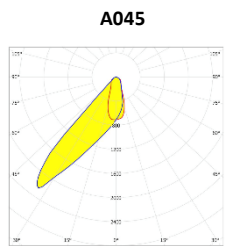
60°x60°



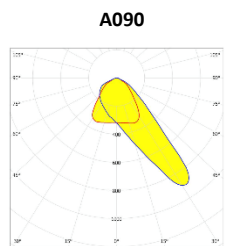
90°x90°



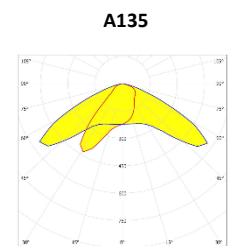
60°x90°



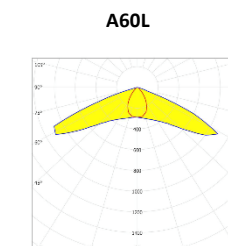
85°x45°



85°x90°



85°x135°



60°x135°

Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control
FLE	030 = 30W 040 = 40W 050 = 50W 060 = 60W 080 = 80W 100 = 100W	30K = 3000K 40K = 4000K 50K = 5000K 57K = 5700K 65K = 6500K	70 = Min 70 80 = Min 80	D15 = 15°x15° D30 = 30°x30° D60 = 60°x60° D90 = 90°x90° S60L = 60°x90° A045 = 85°x45° A090 = 85°x90° A135 = 85°x135° A60L = 60°x135°	ND = Non-Dimmable VD = 0-10V Dimmable DD = DALI Dimmable

Note: Actual performance may differ as a result of end-user environment and application. All values are typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.